

Patent Application

FOUR KHz GAS DISCHARGE LASER SYSTEM

Inventors

Christian J. Wittak
William N. Partlo
Richard L. Sandstrom
Paul C. Melcher
David M. Johns
Robert B. Saethre
Richard M. Ness
Curtis L. Rettig
Robert A. Shannon
Richard C. Ujazdowski
Shahryar Rokni
Scott T. Smith
Stuart L. Anderson
John M. Algots
Ronald L. Spangler
Igor V. Fomenkov
Thomas D. Steiger
Jerome A. Emilo
Clay C. Titus
Alexander P. Ivaschenko
Paolo Zambon
Gamaralalage G. Padmabandu
Mark S. Branham
Sanjay Phatak
and
Raymond F. Cybulski

CYMER, Inc.
16750 Via Del Campo Court
San Diego, California 92127

"Express Mail" Label Number #EL823551860US
Date of Deposit December 21, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" services under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Michele P. Travis

Typed Name of Person Mailing Paper or Fee

Michele P. Travis
Signature

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 2001-0092-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FOUR KHz GAS DISCHARGE LASER SYSTEM

the specification of which is attached hereto unless the following box is checked:

 was filed on _____ as US Application Serial No. _____
and was amended on _____ if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
N/A			

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE
N/A	

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)
Unassigned	November 30, 2001	Pending
10/000,991	November 14, 2001	Pending
Unassigned	October 17, 2001	Pending
09/943,343	August 29, 2001	Pending
09/854,097	May 11, 2001	Pending
09/837,150	April 18, 2001	Pending
09/834,840	April 13, 2001	Pending
09/794,782	February 27, 2001	Pending
09/771,789	January 29, 2001	Pending
09/768,753	January 23, 2001	Pending
09/684,629	October 6, 2000	Pending
09/597,812	June 19, 2000	Pending
09/473,852	December 27, 1999	Pending

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 2001-0092-1

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John R. Ross, Reg. No. 30,350

Send Correspondence to: Legal Department – MS/1-2A CYMER, INC. 16750 Via Del Campo Court San Diego, California 92127-1712	Direct Telephone Calls to: JOHN R. ROSS (858) 385-7185
	Direct Facsimile Transmissions to: JOHN R. ROSS (858) 385-6025

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Full Name of Inventor (please print): Christian J. Wittak **Citizenship:** United States

Residence/Post Office Address: 14329 Claymore Court

San Diego, California 92129

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): William N. Partlo **Citizenship:** United States

Residence/Post Office Address: 12634 Pedriza Drive

Poway, California 92064

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Richard L. Sandstrom **Citizenship:** United States

Residence/Post Office Address: 410 Bridoon Terrace

Encinitas, California 92024

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Paul C. Melcher **Citizenship:** United States

Residence/Post Office Address: 11381 Fuerte Farms Road

El Cajon, California 92020

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): David M. Johns

Citizenship: United States

Residence/Post Office Address: 12852 Mapleview, Apt. 60

Lakeside, California 92040

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Robert B. Saethre **Citizenship:** United States

Residence/Post Office Address: 9244 Piplo Street

San Diego, California 92129

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Richard M. Ness **Citizenship:** United States

Residence/Post Office Address: 9248 Citrus View Court

San Diego, California 92126

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Curtis L. Rettig **Citizenship:** United States

Residence/Post Office Address: 1589 Madrid Drive

Vista, California 92083

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Robert A. Shannon **Citizenship:** United States

Residence/Post Office Address: 230 Shandy Lane

Ramona, California 92065

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Richard C. Ujazdoski **Citizenship:** United States

Residence/Post Office Address: 13420 Granite Creek Road

San Diego, California 92128

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Shahryar Rokni **Citizenship:** United States

Residence/Post Office Address: 2955 Lancaster Road
Carlsbad, California 92008

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Scott T. Smith **Citizenship:** United States

Residence/Post Office Address: 15124 Calle Juanito
San Diego, California 92129

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Stuart L. Anderson **Citizenship:** United States

Residence/Post Office Address: 4407 Benhurst
San Diego, California 92122-3015

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): John M. Algots **Citizenship:** United States

Residence/Post Office Address: 11795 Handrich Drive
San Diego, California 92131

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Ronald L. Spangler **Citizenship:** United States

Residence/Post Office Address: 30 Pine Street
Arlington, Massachusetts 02474

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Igor V. Fomenkov **Citizenship:** United States

Residence/Post Office Address: 14390 Janal Way
San Diego, California 92129

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Thomas D. Steiger **Citizenship:** United States

Residence/Post Office Address: 12080 Tivoli Park Row, #8
San Diego, California 92128

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Jerome A. Emilo **Citizenship:** United States

Residence/Post Office Address: 6728 Maury Drive
San Diego, California 92119

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Clay C. Titus **Citizenship:** United States

Residence/Post Office Address: 5094 Seachase Street
San Diego, California 92130

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Alexander P. Ivaschenko **Citizenship:** United States

Residence/Post Office Address: 2732 Torrey Pines Road
La Jolla, California 92037

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Paolo Zambon **Citizenship:** Italy

Residence/Post Office Address: 12779 Calma Court
San Diego, California 92128

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Gamaralalage G. Padmabandu **Citizenship:** Sri Lanka

Residence/Post Office Address: 15772 Camino Codomiz
San Diego, California 92127

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Mark S. Branham **Citizenship:** United States

Residence/Post Office Address: 3657 Genista Place
Fallbrook, California 92028

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Sunjay Phatak **Citizenship:** United States

Residence/Post Office Address: 446 Arnold Way
Alpine, California 91901

Inventor's Signature: _____ **Date:** _____

Full Name of Inventor (please print): Raymond F. Cybulski **Citizenship:** United States

Residence/Post Office Address: 12787 Benavente Way
San Diego, California 92129

Inventor's Signature: _____ **Date:** _____

2025 RELEASE UNDER E.O. 14176